



Dell XPS 17 L702X Keyboard Replacement

Guide to replace the keyboard on the Dell XPS 17 L702X Laptop

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TOOLS:

- [Spudger](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
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Step 1 — Battery



- Flip over the laptop with the bottom battery compartment facing up.

Step 2



- Slide the tab below the battery leftwards and hold.

Step 3



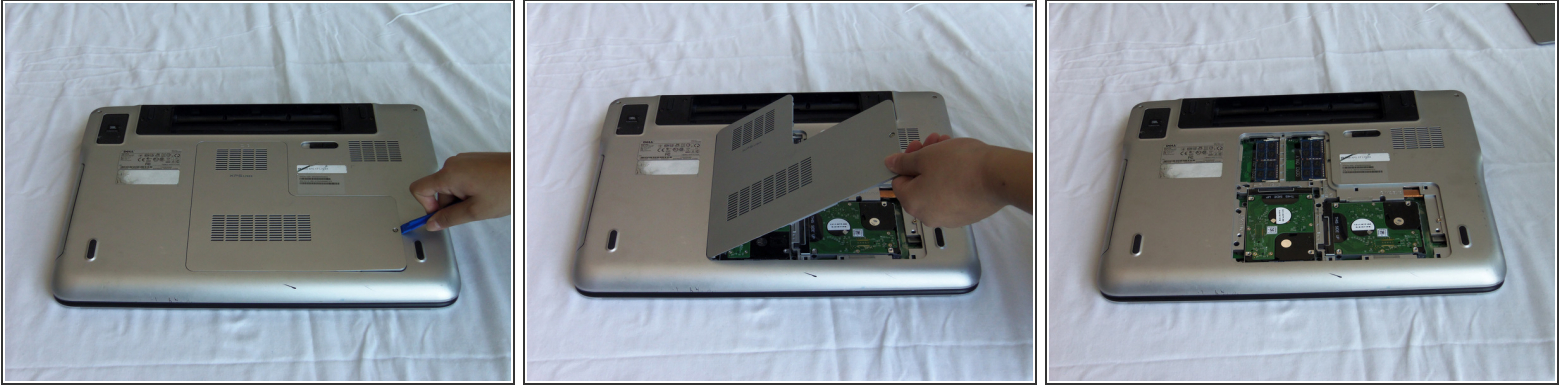
- While holding the tab, lift the battery out of its compartment.
- Release the tab after removing the battery.

Step 4 — Hard Drive



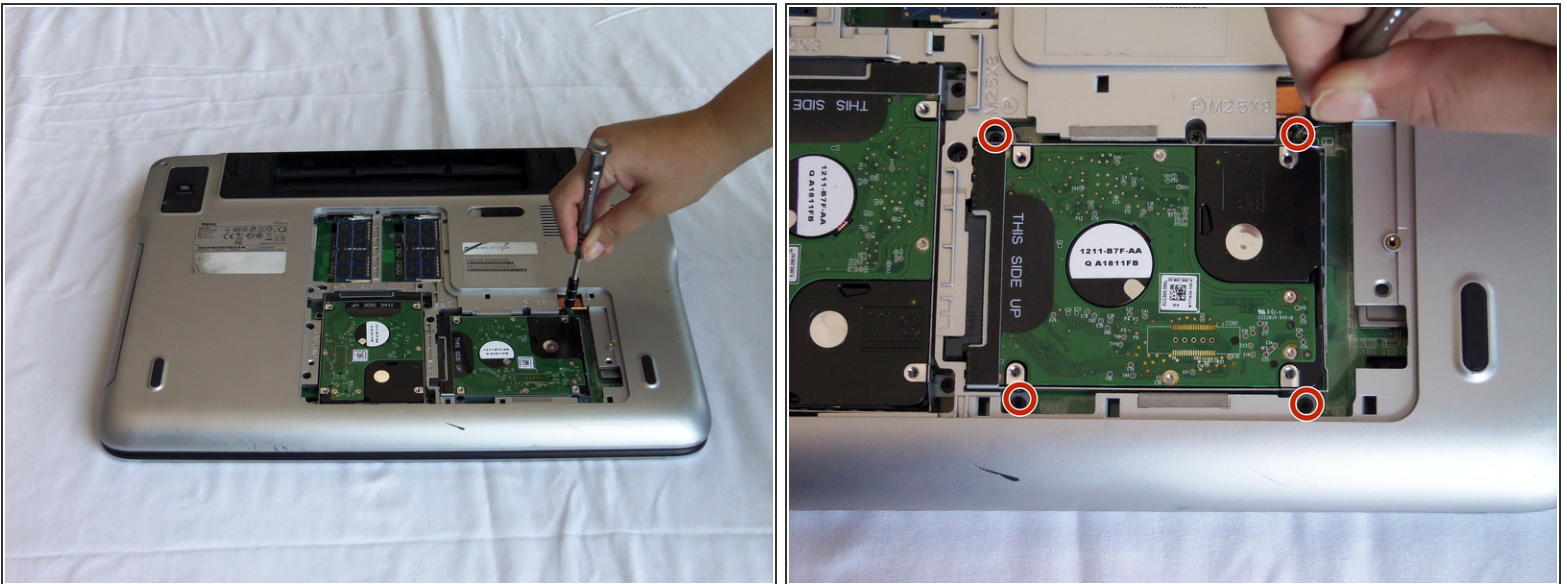
- Loosen the module cover screw with a Phillips screwdriver.
- ⚠ The screw is attached to the cover, do not force it out.

Step 5



- Lift the module cover by inserting a plastic opening tool into the crevice near the screw and lift upwards.

Step 6



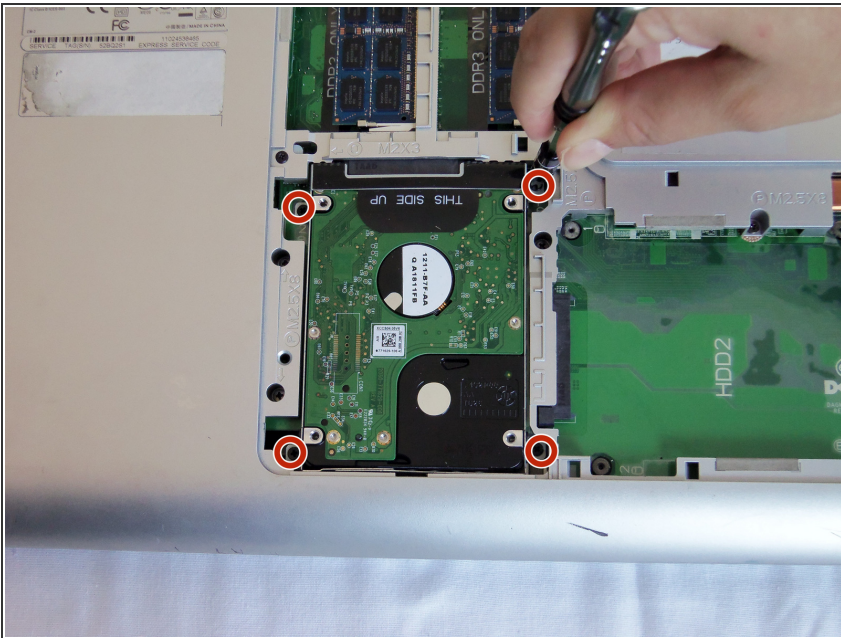
- Use a Phillips screwdriver and unscrew four 4mm Phillips screws fastening the first hard drive.

Step 7



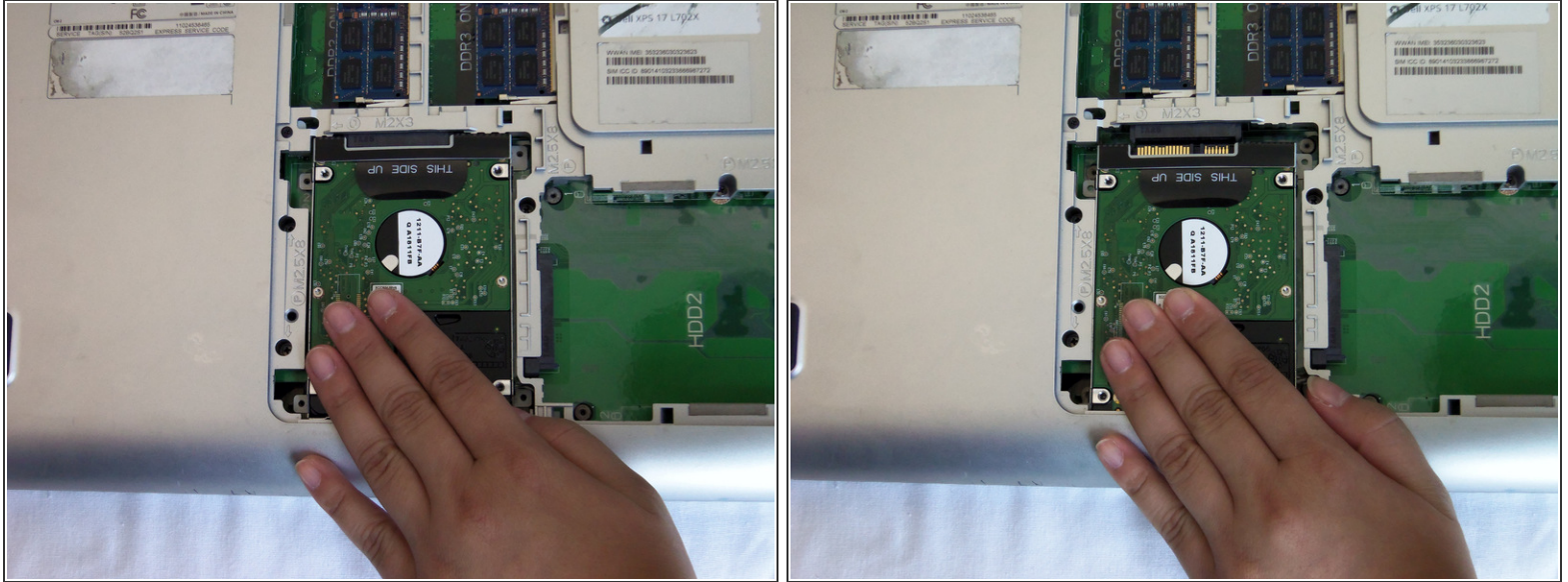
- Slide the hard drive towards the hole where the back panel assembly screw was located with your hands to disconnect and lift to remove it.

Step 8



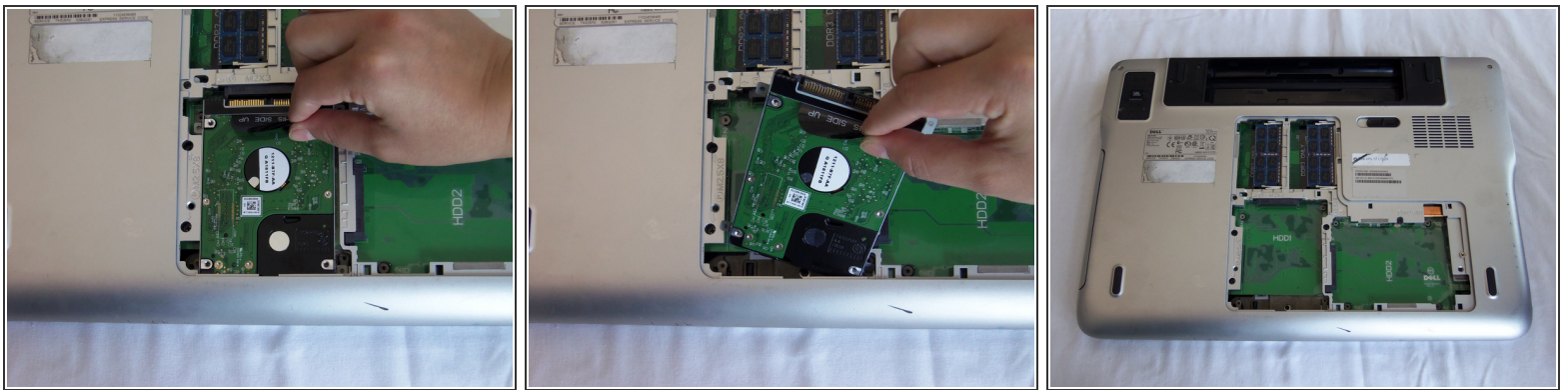
- Use a Phillips screwdriver to unscrew four 4mm Phillips screws on the second hard drive.

Step 9



- Slide the hard drive towards the edge nearest you to disconnect it.

Step 10



- Using the tab that says "this side up" pull away from the laptop to remove the hard drive.

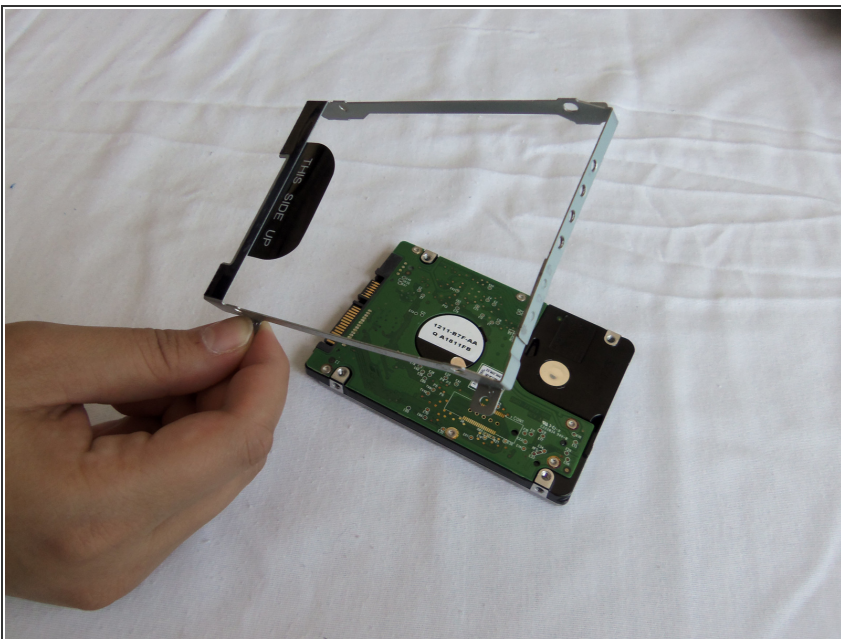
Step 11



i Repeat this step for each hard drive.

- Unscrew two 4mm screws from each side of the hard drive casing with a Phillips screwdriver.

Step 12



- Remove the hard drive casing.

Step 13 — Palm Rest



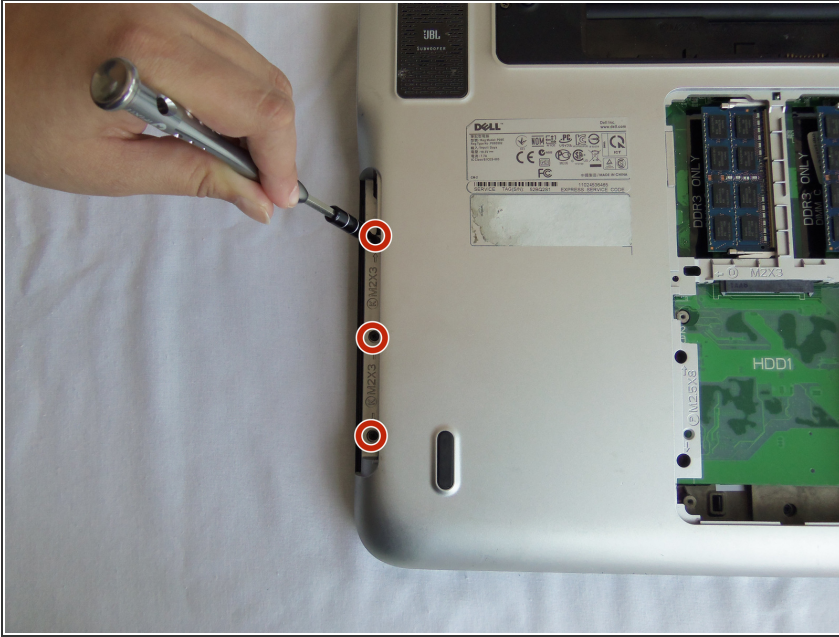
- Unscrew the screw holding the optical drive with a Phillips screwdriver.

Step 14



- Using a plastic opening tool, pull out the optical drive.

Step 15



- Unscrew three 4mm screws near the edge of the optical drive compartment with a Phillips screwdriver.

Step 16



- Open the laptop to about a 90 degree angle and place it on its side with the empty optical drive slot pointing upwards.

Step 17



- Push and hold the tab inside the optical drive's opening with your index finger.
- Insert a spudger between the black and silver plastic pieces that are above the tab and pry apart the two pieces.

Step 18



- Slide the spudger around the palm rest to release the clips.
- ⓘ You may hear crackling noise, this is normal.
- ⚠ Use caution when sliding below the mouse pad, as there are wires we must detach in the next steps.

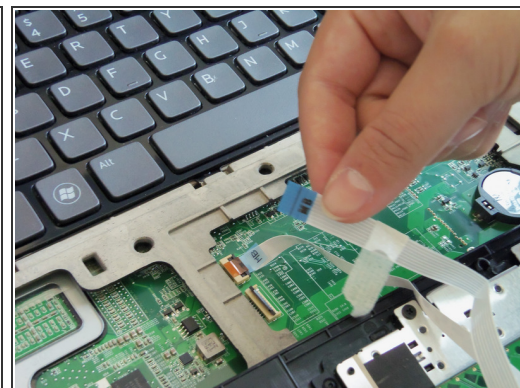
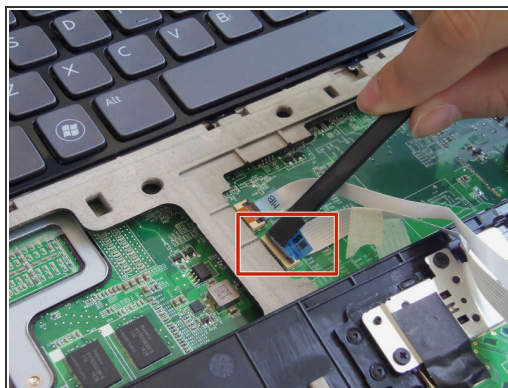
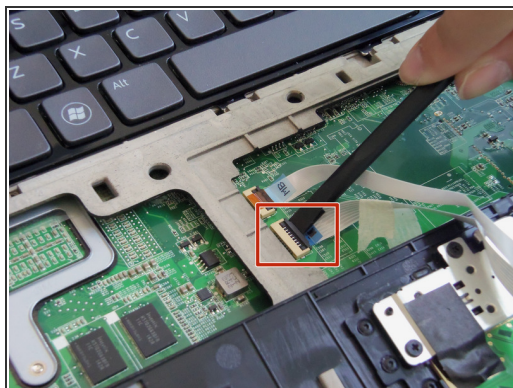
Step 19



- Gently lift and rotate the palm rest panel until it's upside down as it is still connected by the mouse pad wires.

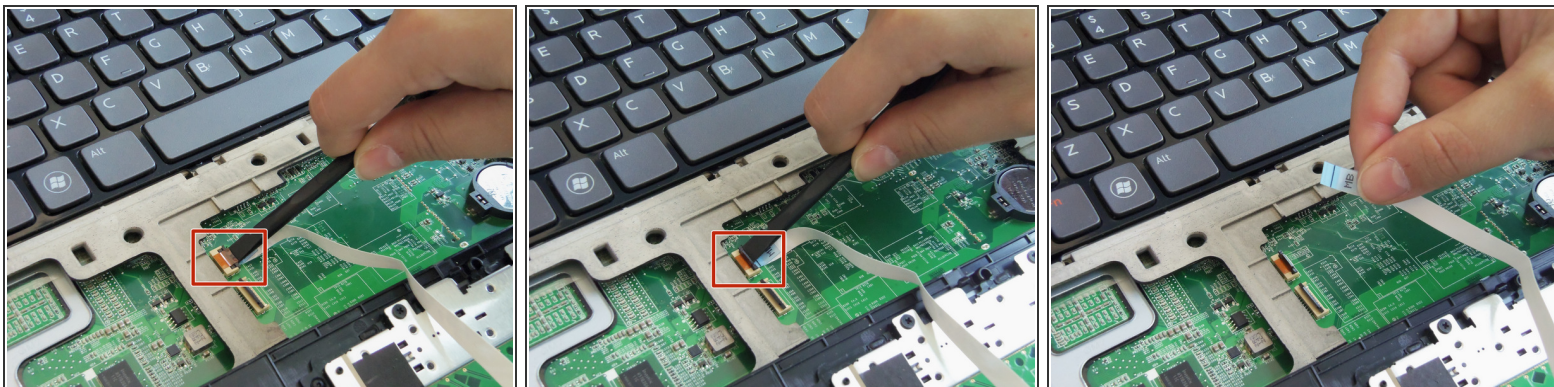
⚠ The mouse pad wires are still connected to the palm rest panel.

Step 20



- Put the Spudger below the black tab of the wider cable and push up to release.
- Gently Pull out the cable.

Step 21



- Insert the spudger below the black tab of the remaining cable and push up to release.
- Gently pull out the cable.

Step 22



- Remove the palm rest from the laptop.

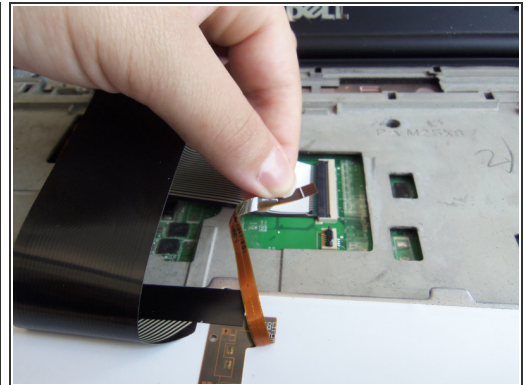
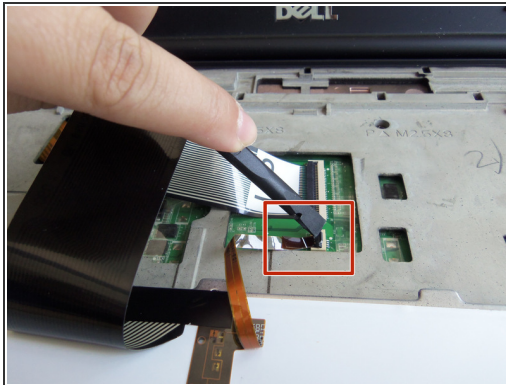
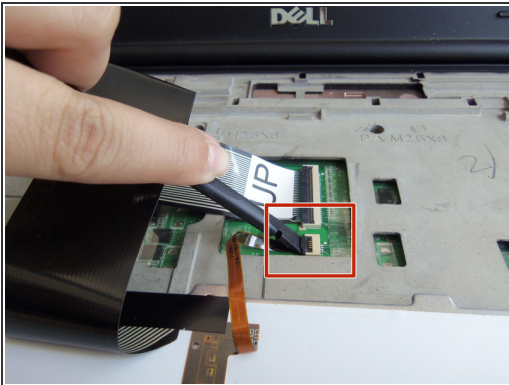
Step 23 — Keyboard



- Using the plastic opening tool, slightly lift and rotate the keyboard until it's upside down from the display side of the laptop.

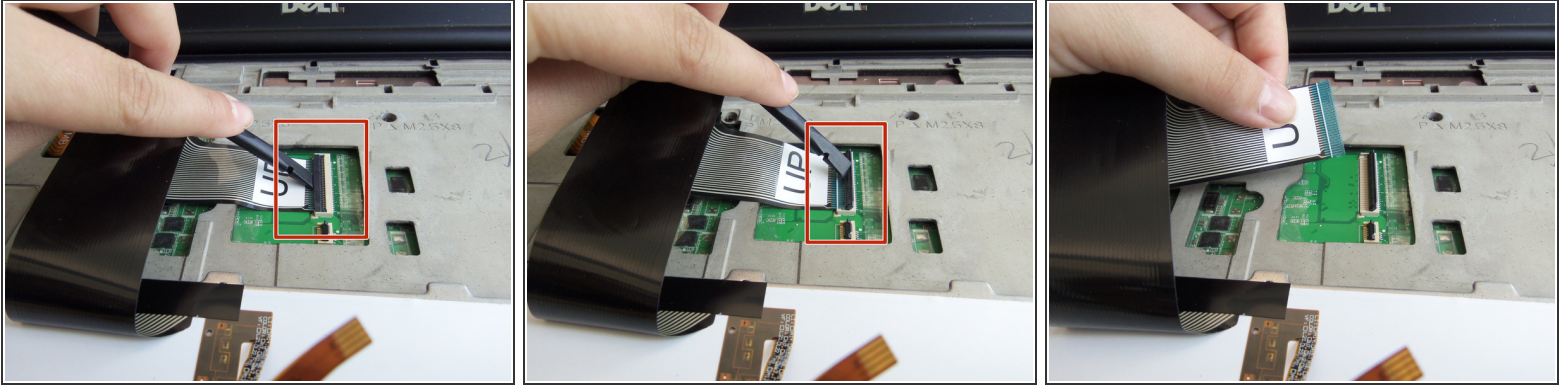
⚠ DO NOT lift the keyboard all the way as wires are still connected.

Step 24



- Gently insert the spudger below the edge of the black tab of the thinner cable and lift.
- Gently pull out the cable.

Step 25



- Gently insert the spudger under the edge of the black tab of the cable marked UP.
- Gently pull out the cable.

Step 26



- Remove the keyboard from the laptop.

To reassemble your device, follow these instructions in reverse order.

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